

Diag 1 shows Lodwick's design. Spooling server 50 receives and stores a print job, when a user inputs (1) PIN/job number or printer polling device 100 polls (1) server 50, server 50 sends (4) the print job to printer 100 (column 3 line 15-20).

Diag 2 shows Qiao's design. Client 2-1 sends an email that includes Internet address of proxy server 12 to printer 31 (column 7 line 13-16); printer 31 connects (3) to proxy 12, according to the email (column 7, lines 23-25); client 2-1 sends print job to proxy 12, and proxy 12 transfers (4) it to printer 31 (column 7 lines 43-46).

Diag 3 shows our design. Printer 57 sends (1) a number to first server 63, it translates the number into URL of a document in second server 62, and sends (2) the URL to printer 57; according to the URL, printer retrieves (3, 4) the document from second server 62 (claim 6).

In office action, Examiner deduces that Lodwick's spooling server 50 can be our first server 63, and Qiao's proxy server 12 can be our second server 62. To implement Examiner's deduction of combining their designs (Diag. 1 and 2) to become ours (Diag. 3), need to add additional data communications, representing by dot lines 2 and 3. But we have arguments as follows:

1. Lodwick's spooling server doesn't know print jobs in Qiao's proxy server

As Qiao's proxy server 12 is second server, it stores print jobs (column 7 line 43-45). In order for spooling server 50 to direct a printer to a print job that is stored in proxy server, proxy server must let spooling server know where the print job is, by registering URL of the job to spooling server when proxy server receives the job and creates URL. But Qiao doesn't teach to register URL of jobs to other server or spooling server, and he just teaches that printer 31 directly accesses proxy server to get a job after having email notification (column 7 line 13-25).

Based on Qiao's design, spooling server **doesn't know where** or which server the print job is stored, **doesn't know how** to translate PIN to URL of a job in proxy server, and cannot have URL to send to the printer (Diag.1 dot line 2). And here's the conclusion that: spooling server has no function of translating PIN to URL of print job in other servers and sending to printer, and spooling server is not our first server.

2. First server does not store print job in our claim 6

We design that first server 63 stores **URL of print jobs** which are in other world-wide servers, and sends printer **URL of print jobs**.

Lodwick's teaches that spooling server 50 stores **print jobs** (column 6 line 10-12, column 8 line 55-56, column 14 line 19-20), and sends (Diag. 1 line 4) printer **print jobs** (column 6 line 35-37, column 14 line 29-30), instead of URL of print jobs (Diag.1 dot line 2).

3. Lodwick has no need for first server

Lodwick designs spooling server 50 to use PIN/job number to provide print job to printer 100 securely (column 9 line 1-5, column 14 line 19-34, column 6 line 44-46). As print jobs already are stored in spooling server, and spooling server is capable of directly providing (Diag.1 line 4) print jobs to the printer securely, so there's no need and no teaching for spooling server to send (Diag.1 dot line 2) printer just URL of print jobs stored in other servers, and to let printer to retrieve print jobs from other server or proxy server 12.

Using proxy server also contradicts Lodwick's teaching: "The printer polling device 100 is initiating connections to a specific, trusted location, the spooling server 50" (column 6 line 42-46).

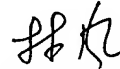
4. Examiner's positive comment, and skilled person in the art

In an early office Action dated November 11, 2009, as to claim 6, Examiner writes: "Lodwick does not explicitly teach that the first server translates said number into the information of receiving a document from a second server via Internet and sends said information to said printer."

This Examiner's statement reasonably describes that Lodwick's design does not teach the function of our first server (Diag. 1 dot line 2). And skilled persons in the art should work out the similar conclusion.

Hence we know that Lodwick and Qiao don't teach our claim 6 of translating PIN to URL of print job in another server, and sending URL to the printer. We request Examiner to consider the arguments and allow our claims 6-8.

Respectfully submitted,



---

Feng Lin (Applicant)

May 15, 2010  
LIN, FENG